Application No.: 10/550,671

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AMENDMENTS TO THE CLAIMS

(Currently amended) An Escherichia bacterium, comprising DNAs encoding the α-subunit and the β-subunit of glucose dehydrogenase of Burkhorderia cepacia in an expressible form and further comprising genes of a ccm operon operably linked to a promoter, thereby enhancing the expression of a cytochrome c maturation (ccm) system, improving expression of glucose dehydrogenase and providing and-high glucose dehydrogenase activity.

- 2. (Previously presented) The *Escherichia* bacterium according to claim 1, wherein the DNA encoding the α -subunit is located upstream from the DNA encoding the β -subunit, and expression of the subunits is regulated by a single promoter.
- 3. (Previously presented) The *Escherichia* bacterium according to claim 1, further comprising a DNA encoding the γ -subunit of glucose dehydrogenase in an expressible form.
- 4. (Previously presented) The Escherichia bacterium according to claim 3, wherein the DNA encoding the γ -subunit is located upstream from the DNA encoding the α -subunit.
- 5. (Previously presented) The Escherichia bacterium according to claim 1, wherein the Escherichia bacterium is Escherichia coli.
- 6. (Previously presented) A method for producing a glucose dehydrogenase complex, which comprises culturing the *Escherichia* bacterium according to claim 1 so that the DNAs encoding the α-subunit and the β-subunit are expressed and the glucose dehydrogenase complex is produced, and collecting the complex.
 - 7. (Cancelled)
- (Previously presented) The Escherichia bacterium according to claim 1, wherein the plasmid is pEC86.
- (Previously presented) The Escherichia bacterium according to claim 1, wherein the bacterium is modified so that the expression of the ccm system is enhanced by replacing the bacterium's ccm operon promoter with another promoter.